

### EAST Search History

Ref #	Hits	Search Query	Dbs	Default Operator	Plurals	Time Stamp
S1	1	"20060155894"	US-PGPUB; USPAT	OR	OFF	2007/01/19 16:02
S2	4313	710/52.ccls. g06f3/00.ipc. g06f5/00. ipc.	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:43
S3	17	S2 and asynchronous near messag\$3	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:01
S4	9	S2 and asynchronous near messag\$3 and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/24 17:34
S5	3	S2 and asynchronous near messag\$3 same server	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:01
S6	4283	710/52.ccls. g06f3/00.ipc. g06f5/00. ipc. and server and @ad<07/24/2002	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:01
S8	2055	(710/52.ccls. g06f3/00.ipc. g06f5/00.ipc.) and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:02
S9	470	(710/52.ccls. g06f3/00.ipc. g06f5/00.ipc.) and asynchronous near @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:03
S10	66	(710/52.ccls. g06f3/00.ipc. g06f5/00.ipc.) and asynchronous near (message data) and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:03
S11	11	(710/52.ccls. g06f3/00.ipc. g06f5/00.ipc.) and asynchronous near (message data) and server and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:44
S12	5	S11 and fail\$4	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:14
S13	4991	710/52.ccls. 710/20.ccls. 710/29. ccls. g06f3/00.ipc. g06f5/00.ipc.	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:43
S14	16	S13 and asynchronous near (message data) and server and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:44
S15	5	S14 not S11	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:44
S16	3	S14 not S11 and (fail\$4 loss lost)	US-PGPUB; USPAT	OR	OFF	2007/01/24 18:44
S17	1	"20030115366"	US-PGPUB; USPAT	OR	OFF	2007/01/29 09:06
S18	4336	710/52.ccls. g06f3/00.ipc. g06f5/00. ipc.	US-PGPUB; USPAT	OR	OFF	2007/01/29 09:57
S19	2055	S18 and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/29 09:59

### EAST Search History

S24	27	S19 and (asynchronous). ti.	US-PGPUB; USPAT	OR	OFF	2007/01/29 14:10
S25	452	S19 and @ad<"20020724" and @rld<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/29 10:00
S26	452	S19 and @rld<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/29 10:01
S27	4336	710/52.ccls. g06f3/00.ipc. g06f5/00. ipc.	US-PGPUB; USPAT	OR	OFF	2007/01/29 14:10
S28	2055	S27 and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/29 16:20
S29	27	S28 and (asynchronous). ti.	US-PGPUB; USPAT	OR	OFF	2007/01/29 14:10
S31	4	S29 and asynchronous near (message signal)	US-PGPUB; USPAT	OR	OFF	2007/01/29 15:22
S32	437	(asynchronous near (message signal)) and queue and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/29 15:22
S33	26	(asynchronous near (message signal communication)) near3 queue and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/29 15:27
S34	20	(asynchronous near (message signal communication)) near3 queue and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/01/29 15:29
S35	8	(asynchronous near (message signal communication)) near3 queue and (SAN "storage area network") and @ad<"20010724"	US-PGPUB; USPAT	OR	ON	2007/01/29 15:40
S36	6	(asynchronous near (message signal communication)) and ("storage area network") and @ad<"20010724"	US-PGPUB; USPAT	OR	ON	2007/01/29 16:03
S37	905	(asynchronous near (message signal communication)) and ("storage area network" high?speed) and @ad<"20010724"	US-PGPUB; USPAT	OR	ON	2007/01/29 16:04
S38	36	(asynchronous near (message signal communication)) and ("storage area network" high?speed near network) and @ad<"20010724"	US-PGPUB; USPAT	OR	ON	2007/01/29 16:16
S39	223	S27 and "international business machine" and @ad<"20020724"	US-PGPUB; USPAT	OR	ON	2007/01/31 15:19
S40	3	S27 and "international business machine" and asynchronous and ("storage area network" high?speed near network)) and @ad<"20020724"	US-PGPUB; USPAT	OR	ON	2007/01/29 16:27
S41	1	"5878056" .pn.	US-PGPUB; USPAT	OR	OFF	2007/01/30 08:51

### EAST Search History

S42	2	("5878056".jn, "20020013853"	US-PGPUB; USPAT	OR	OFF	2007/01/30 08:51
S43	7	(US-20060155894-\$ or US-20030115366-\$ or US-20020013853-\$).did, or (US-7089317-\$ or US-6985975-\$ or US-5752078-\$ or US-5878056-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/01/30 10:01
S45	2	S43 and ("storage area network" (high?speed near network)) and asynchronous	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:41
S46	2064	(710/52.cds, g06f3/00.ipc, g06f5/00.ipc.) and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:41
S47	5	S46 and ("storage area network" (high?speed near network)) and asynchronous	US-PGPUB; USPAT	OR	OFF	2007/01/30 15:47
S48	1	S46 and ("storage area network" (high?speed near network)) same asynchronous	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:51
S49	1	S46 and ("storage area network" (high?speed near network)) same (asynchronous ATM)	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:52
S50	9	S46 and ("storage area network" (high?speed near network) SAN) same (asynchronous ATM)	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:54
S51	1	("storage area network" (high?speed near network)) same (asynchronous near (message signal communication)) and @ad<"20020724"	US-PGPUB; USPAT	OR	ON	2007/01/30 11:56
S52	12	("storage area network" (high?speed near network) near control\$4) and (asynchronous near (message signal communication)) and @ad<"20020724"	US-PGPUB; USPAT	OR	ON	2007/01/30 12:02
S53	139	("storage area network" (high?speed near network) near control\$4).ti, and @ad<"20020724"	US-PGPUB; USPAT	OR	ON	2007/01/30 12:08
S54	27	S53 and asynchronous	US-PGPUB; USPAT	OR	ON	2007/01/30 12:03
S55	167	("storage area network" "system area network" (high?speed near network) near control\$4).ti, and @ad<"20020724"	US-PGPUB; USPAT	OR	ON	2007/01/30 12:11
S56	28	S55 and asynchronous	US-PGPUB; USPAT	OR	ON	2007/01/30 12:15

### EAST Search History

S57	22	S46 and (storage system) near control\$4 and (asynchronous near (message signal communication\$4)) and queue	US-PGPUB; USPAT	OR	ON	2007/01/30 12:32
S58	14	S46 and ((storage system) near control\$4) and (asynchronous near (message signal communication\$4)) same queue	US-PGPUB; USPAT	OR	ON	2007/01/30 12:39
S63	220	"enterprise storage" and @ad<"20020724"	US-PGPUB; USPAT	OR	ON	2007/01/30 12:58
S64	56	"enterprise storage" and asynchronous and @ad<"20020724"	US-PGPUB; USPAT	OR	ON	2007/01/30 12:58
S65	1	"enterprise storage" and asynchronous and S46 and @ad<"20020724"	US-PGPUB; USPAT	OR	ON	2007/01/30 12:59
S66	668	(MSMQ "message queuing" "message queue") and (SAN "storage area network") and @ad<"20020427"	US-PGPUB; USPAT	OR	OFF	2007/01/30 14:24
S67	31	(MSMQ "message queuing" "message queue") and (SAN and "storage area network") and @ad<"20020427"	US-PGPUB; USPAT	OR	OFF	2007/01/30 14:24
S68	33	(MSMQ "message queuing" "message queue") and ("storage area network") and @ad<"20020427"	US-PGPUB; USPAT	OR	OFF	2007/01/30 14:24
S69	11	(MSMQ "message queuing" "message queue") and ("storage area network") and asynchronous and @ad<"20020427"	US-PGPUB; USPAT	OR	OFF	2007/01/30 14:25
S70	7	(MSMQ "message queuing" "message queue") and ("storage area network") and (SAN and @ad<"20020427" not (ATM "asynchronous transfer mode")	US-PGPUB; USPAT	OR	OFF	2007/01/30 14:29
S71	74	"messaging and queuing" MQseries "messaging and queuing using the mqi"	IBM_TDB	OR	OFF	2007/01/30 14:54
S72	74	"messaging and queuing" MQseries "messaging and queuing using the mqi" and @ay<"2002"	IBM_TDB	OR	OFF	2007/01/30 14:54
S73	74	"messaging and queuing" MQseries "messaging and queuing using the mqi" and asynchronous	IBM_TDB	OR	OFF	2007/01/30 14:56
S75	5	("messaging and queuing" MQseries "messaging and queuing using the mqi").ti,	IBM_TDB	OR	OFF	2007/01/30 14:57

## EAST Search History

S76	7	(US-20060155894-\$ or US-20030115366-\$ or US-20020013853-\$) did, or (US-7089317-\$ or US-6985975-\$ or US-5752078-\$ or US-5878036-\$), did.	US-PGPUB; USPAT	OR	OFF	2007/01/30 15:04
S77	50	("storage area network" (high?speed near network)) near control\$4 and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/30 15:48
S78	17	("storage area network" (high?speed near network)) near control\$4 and queue and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/30 16:58
S80	10	S46 and ("storage area network" (high?speed near network)) and queue and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/01/30 16:58
S81	3	"6421723" pn. "20020062356"	US-PGPUB; USPAT	OR	OFF	2007/01/31 09:40
S84	4	("6763454") URPN.	USPAT	OR	OFF	2007/01/31 09:41
S87	1	S84 and (allocat\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/31 09:44
S88	4352	710/52.ccls. g06f3/00.ipc. g06f5/00.ipc.	US-PGPUB; USPAT	OR	OFF	2007/01/31 15:19
S89	174	S88 and "international business machine" and @ad<"20010724"	US-PGPUB; USPAT	OR	ON	2007/01/31 15:19
S90	8	S89 and queue same (track count\$3 increment decrement) near (value quantity number)	US-PGPUB; USPAT	OR	ON	2007/01/31 17:45
S94	4179	(connection object) near handle and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 09:44
S95	4382	710/52.ccls. g06f3/00.ipc. g06f5/00.ipc.	US-PGPUB; USPAT	OR	OFF	2007/02/01 09:44
S96	4	(connection object) near handle and S95 and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 13:06
S97	109	((data near identifi\$3) ((connection object) near handle)) and S95 and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 09:46
S98	17	(data near identifier) and S95 and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 09:46
S99	64	(handle).clm. and S95	US-PGPUB; USPAT	OR	OFF	2007/02/01 10:41
S100	29	(handle).clm. and S95 and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 10:41
S101	20	(handle).clm. and S95 and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 10:41

11/9/2007 3:32:02 PM

C:\Documents and Settings\bdewes\My Documents\EAST\Workspaces\10522136.wsp

Page 5

## EAST Search History

S105	116	counter same pointer and S95 and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 13:08
S106	8	counter same pointer same identifi\$4 and S95 and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 13:10
S107	116	(event?driven interrupt?driven autopolling polling) and S95 and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 13:10
S108	79	(event?driven interrupt?driven autopolling polling) and (pointer index handle) and S95 and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 13:11
S109	11	(event?driven interrupt?driven autopolling polling) same (pointer index handle) and S95 and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 13:13
S110	3	connection near (indicator descriptor identifier) and S95 and @ad<"20010724"	US-PGPUB; USPAT	OR	OFF	2007/02/01 13:13
S111	8929	370/412-417.ccls. 370/389.ccls. h04112/28.ipc. h04112/56.ipc and @ad<"20020724"	US-PGPUB; USPAT	OR	OFF	2007/02/03 15:47
S112	316	S111 and ("storage area network" SAN) and asynchronous and queue	US-PGPUB; USPAT	OR	OFF	2007/02/03 15:48
S113	1	S111 and ("storage area network" SAN) same asynchronous same queue	US-PGPUB; USPAT	OR	OFF	2007/02/03 15:49
S114	2	S111 and ("storage area network") and asynchronous same queue	US-PGPUB; USPAT	OR	OFF	2007/02/03 15:50
S115	143	S111 and ("storage area network")	US-PGPUB; USPAT	OR	OFF	2007/02/03 16:05
S116	52	S111 and ("storage area network") and ((data message info\$8) near transfer)	US-PGPUB; USPAT	OR	OFF	2007/02/03 15:51
S117	7	S111 and ("storage area network") and ((data message info\$8) near transfer) and queue and asynchronous	US-PGPUB; USPAT	OR	OFF	2007/02/03 15:57
S118	3	S111 and ("storage area network") and ((data message info\$8) near transfer) and (asynchronous near (message data communication))	US-PGPUB; USPAT	OR	OFF	2007/02/03 15:52
S119	5	S111 and MQseries	US-PGPUB; USPAT	OR	OFF	2007/02/03 15:58
S120	1	S111 and ("storage area network") and (queue near message\$3)	US-PGPUB; USPAT	OR	OFF	2007/02/03 16:06

11/9/2007 3:32:02 PM

C:\Documents and Settings\bdewes\My Documents\EAST\Workspaces\10522136.wsp

Page 6

# EAST Search History

S12 4	8429	persistent same network	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:05
S12 5	271	(non?persistent and persistent) same network	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:05
S12 6	271	(non?persistent and persistent) same network	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:05
S12 7	41	(non?persistent and persistent) near message	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:06
S12 8	1	(non?persistent and persistent) near message same SAN	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:06
S12 9	5	(non?persistent and persistent) near message same network	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:08
S13 0	1	(non?persistent and persistent) near message same network and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:09
S13 1	2	(non?persistent and persistent) adj message and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:25
S13 2	14	(non?persistent and persistent) adj message and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:26
S13 3	3	(non?persistent and persistent) adj message and (SAN "storage area network") and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:28
S13 4	8	(non?persistent and persistent) and ("storage area network") and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:36
S13 5	1	(non?persistent and persistent) same control\$3 and ("storage area network") and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:29

# EAST Search History

S14 1	29	((non?persistent transactional) and persistent) and ("storage area network") and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:33
S14 5	2	((non?persistent transactional) and persistent) near (controller manager processor) and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:34
S14 6	0	((system storage) adj area adj network) same (persistent and non?persistent) and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:38
S14 7	11	((system storage) adj area adj network) and (persistent and non?persistent) and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:40
S14 8	0	((system storage) adj area adj network) and (persistent and non?persistent) and quiesc\$3 and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:40
S14 9	11	((system storage) adj area adj network) and (persistent and non?persistent) and (enable disable) and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:41
S15 0	0	((system storage) adj area adj network) and (persistent and non?persistent) and (enable and disable) and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/11 16:41
S15 1	1	((storage system) adj area adj network) near control\$3 near queue	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 14:54
S15 2	0	((storage system) adj area adj network) near control\$3 near "message queue"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 14:37
S15 3	0	((storage system) adj area adj network) near control\$3 near "message"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 14:36
S15 4	1	((storage system) adj network) near control\$3 near queue	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 14:36
S15 5	2	((storage system) adj area adj network) near\$5 control\$3 near\$5 queue	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 14:37

### EAST Search History

S15 6	0	(network) near control\$3 near "message queue"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 14:37
S15 7	25	(network) near control\$3 near "queue"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 14:37
S15 8	17	(network) near control\$3 near "queue" and @ad < "2002"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:08
S15 9	848	((storage system) adj area adj network) and ("message queue" queue) and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:09
S16 0	142	((storage system) adj area adj network) same ("message queue" queue) and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:09
S16 1	1	((storage system) adj area adj network adj control\$3) and ("message queue" queue) and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:10
S16 2	4	((storage system) adj area adj network adj (manager processor control\$3)) and ("message queue" queue) and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:11
S16 3	1	((storage system) adj area adj network adj (manager processor control\$3)) and DMA and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:13
S16 4	0	((storage system) adj area adj network) same (msmq or "message queueing") and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:14
S16 5	1	(SAN) same (msmq or "message queueing") and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:15
S16 6	745	(msmq or "message queueing") and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:15
S16 7	0	storage near network same (msmq or "message queueing") and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:15

11/9/2007 3:32:02 PM

C:\Documents and Settings\ldewis\My Documents\EAST\Workspaces\10522136.wsp

Page 9

### EAST Search History

S16 8	9	storage near network and (msmq or "message queueing") and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:46
S16 9	9	storage near network and (msmq or "message queueing") and (controller manager processor) and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:50
S17 0	0	storage near network and (msmq or "message queueing") same (controller manager processor) and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:47
S17 1	16	control\$4 near (msmq or "message queueing") and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:53
S17 2	6	((storage system) near area near network) near queue	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:54
S17 3	5	((storage system) near area near network) near queue and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:54
S17 4	5	((storage system) near area near network) near queue\$3 and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/12 15:54
S17 5	220	((storage system) adj area adj network) same queue	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:43
S17 6	142	((storage system) adj area adj network) same queue and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:43
S17 7	16	((storage system) adj area adj network) same queue and @ad < "20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:43
S17 8	4	((storage system) adj area adj network) same queue near message	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 10:32
S17 9	2	((storage system) adj area adj network) same queue near controller	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:44

11/9/2007 3:32:02 PM

C:\Documents and Settings\ldewis\My Documents\EAST\Workspaces\10522136.wsp

Page 10

### EAST Search History

S18 0	1418	((storage system) adj area adj network) same controller	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:44
S18 1	72	((storage system) adj area adj network) near controller	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:44
S18 2	39	((storage system) adj area adj network) near controller and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 11:06
S18 3	8	((storage system) adj area adj network) near controller and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:45
S18 4	2	((storage system) adj area adj network) near controller same queue and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:45
S18 5	8	((storage system) adj area adj network) near controller and "714". clas. and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:47
S18 6	7	((storage system) adj area adj network) near controller and (queue message) and "714". clas. and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:47
S18 7	6	((storage system) adj area adj network) near controller and (queue and message) and "714". clas. and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:56
S18 8	5	((storage system) adj area adj network) near controller and (queue and message) and "709". clas. and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 09:57
S18 9	28	("5878056").URPN.	USPAT	OR	ON	2007/07/16 11:10
S19 0	1	("5878056").URPN. and (((storage system) adj area adj network) "remote network")	USPAT	OR	ON	2007/07/16 10:24
S19 1	2	("5878056").URPN. and fabric	USPAT	OR	ON	2007/07/16 10:25
S19 2	9	("5878056").URPN. and (fibre scsi)	USPAT	OR	ON	2007/07/16 10:25

### EAST Search History

S19 3	1239	(storage adj control\$3) and (queue and message)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 10:33
S19 4	137	(storage adj control\$3) same (queue and message)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 10:33
S19 5	82	(storage adj control\$3) same (queue and message) and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 10:34
S19 6	1	(storage adj control\$3) same (queue and message) same (data adj transfer\$3) and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 10:35
S19 7	28	(storage near network) same (queue and message) same (data adj transfer\$3) and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 10:36
S19 8	28	(storage near network) same (queue and message) same (data adj transfer\$3) and @ad<"20020724"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 10:39
S19 9	28	(storage near network) same (queue and message) same (data adj transfer\$3) and @ad<"20020724" and (fabric and (scsi fibre))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 10:40
S20 0	28	(storage near network) same (queue and message) same (data adj transfer\$3) and @ad<"20020724" and (fabric and (scsi fibre)) and control	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 10:40
S20 1	28	(storage near network) same (queue and message) same (data adj transfer\$3) and @ad<"20020724" and (fabric and (scsi fibre)) and control\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 10:40

# EAST Search History

SZ0 2	74	(("4499576"   "4584679"   "4623886"   "4656474"   "4736369"   "4769815"   "4853842"   "5063562"   "5072370"   "5163131"   "5193090"   "5247676"   "5261002"   "5285445"   "5287103"   "5367523"   "5412717"   "5432715"   "5442637"   "5465328"   "5491791"   "5499297"   "5526358"   "5526489"   "5528605"   "5546391"   "5555915"   "5557748"   "5572522"   "5572582"   "5627766"   "5689706"   "5758184"   "5761507"   "5764625"   "5768614"   "5777987"   "5778384"   "5781703"   "5793861"   "5799321"   "5806065"   "5812773"   "5812819"   "5815667"   "5819042"   "5819272"   "5828653"   "5832514"   "5835727"   "5838907"   "5845081"   "5854901"   "5864669"   "5870540"   "5872968"   "5875301"   "5875306"   "5878056"   "5881051"   "5887275"   "5901138"   "5916307"   "5920697"   "5922049"   "5930479"   "5956340"   "5959995"   "5987496"   "6012059"   "6088816"   "6154128"   "6167358"   "6173422").PN.) and persistent\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 10:44
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# EAST Search History

SZ0 3	11	(("4499576"   "4584679"   "4623886"   "4656474"   "4736369"   "4769815"   "4853842"   "5063562"   "5072370"   "5163131"   "5193090"   "5247676"   "5261002"   "5285445"   "5287103"   "5367523"   "5412717"   "5432715"   "5442637"   "5465328"   "5491791"   "5499297"   "5526358"   "5526489"   "5528605"   "5546391"   "5555915"   "5557748"   "5572522"   "5572582"   "5627766"   "5689706"   "5758184"   "5761507"   "5764625"   "5768614"   "5777987"   "5778384"   "5781703"   "5793861"   "5799321"   "5806065"   "5812773"   "5812819"   "5815667"   "5819042"   "5819272"   "5828653"   "5832514"   "5835727"   "5838907"   "5845081"   "5854901"   "5864669"   "5870540"   "5872968"   "5875301"   "5875306"   "5878056"   "5881051"   "5887275"   "5901138"   "5916307"   "5920697"   "5922049"   "5930479"   "5956340"   "5959995"   "5987496"   "6012059"   "6088816"   "6154128"   "6167358"   "6173422").PN.) and persistent\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 10:45
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## EAST Search History

S20 4	1	("4495576"   "4584679"   "4623886"   "4656474"   "4736369"   "4769815"   "4853842"   "5063562"   "5072370"   "5163131"   "5193090"   "5247676"   "5287103"   "5261002"   "5285445"   "5287103"   "5367523"   "5412717"   "5432715"   "5442637"   "5465328"   "5491791"   "5499297"   "5526358"   "5526489"   "5528605"   "5546391"   "5555415"   "5557748"   "5572522"   "5572582"   "5627665"   "5689706"   "5758184"   "5761507"   "5764625"   "5768614"   "5777987"   "5778384"   "5781703"   "5793861"   "5799321"   "5806065"   "5812773"   "5812819"   "5815667"   "5819042"   "5819272"   "5828653"   "5832514"   "5835727"   "5838907"   "5845081"   "5854901"   "5864669"   "5870540"   "5872968"   "5875301"   "5875306"   "5878056"   "5881051"   "5887275"   "5901138"   "5916307"   "5920697"   "5922049"   "5930479"   "5956340"   "5959995"   "5987496"   "6012059"   "6088816"   "6154128"   "6167358"   "6173422".PN.) and persisten\$3 and (fiber fabric scsi) (storage system) adj area adj network) near controller and @ad<"20020724" not (international near business near machines)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 10:46
S20 7	34	((storage system) adj area adj network) near controller and @ad<"20020724" not (international near business near machines)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 11:07
S20 8	1	((storage system) adj area adj network) near controller same message and @ad<"20020724" not (international near business near machines)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 11:08
S20 9	2	((storage system) adj area adj network) near controller same queue and @ad<"20020724" not (international near business near machines)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 11:08
S21 0	1	((storage system) adj area adj network) near control\$3 same queue and @ad<"20020724" not (international near business near machines)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/07/16 11:07

## EAST Search History

S21 1	21	("5878056").URPN. not (international near business near machines)	USPAT	OR	ON	2007/07/16 13:31
S21 2	0	asynchronous same ((storage system) near area near network) same controller and @ad<"20020724"	USPAT	OR	ON	2007/07/16 11:19
S21 3	0	asynchronous and ((storage system) near area near network) and controller and @ad<"20020724"	USPAT	OR	ON	2007/07/16 11:20
S21 4	0	asynchronous same ((storage system) near area near network) and @ad<"20020724"	USPAT	OR	ON	2007/07/16 11:20
S21 5	0	asynchronous and ((storage system) near area near network) and @ad<"20020724"	USPAT	OR	ON	2007/07/16 11:21
S21 6	13	asynchronous and (SAN ((storage system) near area near network) and @ad<"20020724"	USPAT	OR	ON	2007/07/16 11:22
S21 7	0	asynchronous and (remote near storage) and @ad<"20020724"	USPAT	OR	ON	2007/07/16 11:21
S21 8	8	asynchronous and "709".das. and @ad<"20020724"	USPAT	OR	ON	2007/07/16 11:27
S21 9	15	((system storage) near area near network near controller) and @ad<"20020724"	USPAT	OR	ON	2007/07/16 11:28
S22 0	6	((system storage) near area near network near controller) same (message data content) and @ad<"20020724"	USPAT	OR	ON	2007/07/16 13:25
S22 1	1	(international near business near machines) and ((system storage) near area near network) and @ad<"20020724"	USPAT	OR	ON	2007/07/16 13:27
S22 2	8	(international near business near machines) and (fiber scsi fabric) and @ad<"20020724"	USPAT	OR	ON	2007/07/16 13:29
S22 3	28	("5878056").URPN. and @ad<"20040724"	USPAT	OR	ON	2007/07/16 13:46
S22 4	18	("5878056").URPN. and @pd<"20040724"	USPAT	OR	ON	2007/07/16 13:31
S22 5	12	("5878056").URPN. and @ad<"20040724"	USPAT	OR	ON	2007/07/16 13:32
S22 6	4	("5878056").URPN. and remote near disk	USPAT	OR	ON	2007/07/16 13:33
S22 7	23	("5878056").URPN. and remote	USPAT	OR	ON	2007/07/16 13:33



# EAST Search History

S22 8	28	("5878056").JRPN.	USPAT	OR	ON	2007/07/16 13:49
S22 9	6	("599964" "6141701" "6434605" "6625117" "6999996" "7068604" "7127507").pn.	USPAT	OR	ON	2007/07/16 13:50
S23 0	1	"20030188233"	USPAT	OR	ON	2007/07/16 14:48
S23 1	0	w/2004/010284	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/16 14:49
S23 2	2	charles near aidan near pennington	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/16 14:49
S23 3	2	aidan near charles near pennington	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/16 14:53
S23 4	3	"20020062356"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/16 15:43
S23 5	4338	G06f15/167 ipc. (g06f3/00 g06f5/00).ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/16 15:44
S23 6	161	(G06f15/167 ipc. (g06f3/00 g06f5/00).ipc.) and ((system storage) near area near network)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/16 15:45
S23 7	84	(G06f15/167 ipc. (g06f3/00 g06f5/00).ipc.) and ((system storage) near area near network) and @ad<"20040724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/16 15:46

# EAST Search History

S23 8	70	(G06f15/167 ipc. (g06f3/00 g06f5/00).ipc.) and ((system storage) near area near network) and @ad<"20040724" not (international near business near machines)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/16 15:46
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